

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference CO/21-22960	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2004/052448	International filing date (day/month/year) 06/10/2004	(Earliest) Priority Date (day/month/year) 15/10/2003
Applicant CIBA SPECIALTY CHEMICALS HOLDING INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/052448

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C09D7/12 C08K3/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09D C08K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 526 910 A (SCHAPPERT RAYMOND F ET AL) 2 July 1985 (1985-07-02)	1, 2, 4-6, 8-14, 16, 17
A	<p>column 2, line 6 - line 25 column 2, line 41 - line 47 column 3, line 30 - line 60 column 6, line 3 - line 9 column 6, line 21 - line 23 column 6, line 51 - line 65 column 9, line 31 - line 35 column 9, line 48 - line 68 column 10, line 47 - line 51 column 11, line 7 - line 17</p> <p>----- -/-</p>	7

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

2 February 2005

Date of mailing of the international search report

09/02/2005

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/052448

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 008 291 A (BILLIANI JOHANN ET AL) 28 December 1999 (1999-12-28) column 3, line 10 - line 39 column 4, line 32 - line 53 column 6, line 26 - line 48 column 7, line 27 - line 28 column 7, line 60 - line 63 examples 4,5 -----	1,2,5-14
A	STOBER W ET AL: "CONTROLLED GROWTH OF MONODISPERSE SILICA SPHERES IN THE MICRON SIZERANGE" JOURNAL OF COLLOID AND INTERFACE SCIENCE, ACADEMIC PRESS, NEW YORK, NY, US, vol. 26, 1968, pages 62-69, XP000561462 ISSN: 0021-9797 page 63 -----	1,4-9
A	US 6 020 419 A (JONSCHKER GERHARD ET AL) 1 February 2000 (2000-02-01) column 1, line 7 - line 12 column 4, line 61 - column 64 column 3, line 42 - line 44 column 4, line 8 - line 18 column 5, line 11 - line 29 column 6, line 17 - line 24 -----	1-19
A	WO 03/070840 A (PPG IND OHIO INC) 28 August 2003 (2003-08-28) page 18, line 18 - page 19, line 11 page 20, line 6 - line 9 page 21, line 25 - line 29 page 22, line 13 - line 31 page 24, line 5 - line 14 -----	1-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/052448

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4526910	A	02-07-1985	NONE	
US 6008291	A	28-12-1999	AT 259393 T DE 59810746 D1 EP 0919587 A1	15-02-2004 18-03-2004 02-06-1999
US 6020419	A	01-02-2000	DE 19811790 A1 AT 272690 T BR 9901168 A CA 2265354 A1 DE 59910090 D1 EP 0943664 A2 JP 11349868 A	23-09-1999 15-08-2004 28-12-1999 18-09-1999 09-09-2004 22-09-1999 21-12-1999
WO 03070840	A	28-08-2003	US 2003162876 A1 EP 1476512 A1 WO 03070840 A1	28-08-2003 17-11-2004 28-08-2003